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Date: November 28, 2005

To: UNITED STATES PATENT AND TRADEMARK OFFICE
Attention: Examiner Scott Kastler
Group 1742

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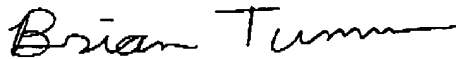
FACSIMILE NO. - 571-273-8300

Re: Applicant : Hilmar R. MUELLER, et al.
For : MONITORING DEVICE FOR MELTING FURNACES
Serial No.: 10/642 388
Filed : August 15, 2003
Our Ref. : WW C-60

Kindly notify Examiner Kastler as soon as this document has been received for purposes of letting him know that this document is available for his consideration.

Thank you.

Regards,



Brian R. Tumm

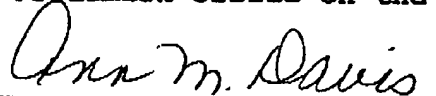
BRT/ad

Encl.: Amendment Transmittal dated
November 28, 2005 (in duplicate)
Response to Final Office Action dated
November 28, 2005

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this paper and the above-listed enclosures (if any) is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Signature


(Ann M. Davis)

Date

Nov. 28, 2005

{00022781.DOC}

**RESPONSE UNDER 37 CFR 1.116 EXPEDITED PROCEDURE
IN THE U.S. PATENT AND TRADEMARK OFFICE**

November 28, 2005

Applicant(s): Hilmar R. MUELLER, et al.

Title: MONITORING DEVICE FOR MELTING FURNACES

Serial No.: 10/642 388

Group: 1742

Confirmation No.: 9481

Filed: August 15, 2003

Examiner: Kastler

International Application No.: N/A

International Filing Date: N/A

Atty. Docket No.: WW C-60

Mail Stop AF

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Herewith is an amendment in the above-identified application.

[] Applicant claims small entity status. See 37 CFR 1.27.

[] The additional filing fee has been calculated as shown below:

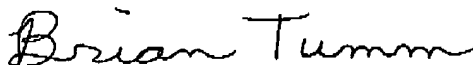
For	No. Filed	No. Extra	(X) LG Entity	RATE	() SM Entity	Fee
Total Claims	(19 - 20 = 0)		x	\$ 50.00	x \$ 25.00	0.00
Indep. Claims	(2 - 3 = 0)		x	\$200.00	x \$100.00	0.00
[] Multiple Dep. Claim			+	\$360.00	+	\$180.00
* * * TOTAL FILING FEE * * *						\$ 0.00

[] Pursuant to 37 CFR 1.136(a), please extend the shortened period for response by month(s). The extension fee is: \$.

[] A Check for \$ is enclosed to cover fees.

[X] Please credit any overpayment, or charge any additional filing fee required under 37 CFR 1.16 or 1.17 by this communication, to Deposit Account No. 06-1382. A duplicate copy of this sheet is enclosed.

IN DUPLICATE



BRT/ad/cc

Brian R. Tumm Reg. No. 36 328

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For	No. Filed	No. Extra	(X) LG Entity	RATE	() SM Entity	Fee
Total Claims	(19 - 20 = 0)		x \$ 50.00		x \$ 25.00	0.00
Indep. Claims	(2 - 3 = 0)		x \$200.00		x \$100.00	0.00
[] Multiple Dep. Claim			+ \$360.00		+ \$180.00	0.00
* * * TOTAL FILING FEE * * *						\$ 0.00

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RESPONSE TO FINAL OFFICE ACTION

Sir:

In response to the Office Action mailed September 21, 2005, Applicants amend as follows:

(Please see following pages.)

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